

# .224 Dia., 40 Gr. HP

POINT BLANK RANGE COMPUTED FOR 2.5 INCHES ABOVE AND BELOW LINE OF SIGHT

RANGE	YARDS	MUZZLE	50	100	150	200	250	300	400	500
MAXIMUM POINT BLANK RANGE IS 330 YARDS. SET ZERO AT 285 YARDS.										
VELOCITY FPS		4500	4074	3686	3331	3005	2701	2417	1919	1505
ENERGY FT-LB		1798	1473	1206	985	801	648	519	327	201
DROP INCHES		.00	-.23	-.98	-2.37	-4.55	-7.69	-12.03	-25.56	-48.71
BULLET PATH	(100 YDS)	-1.50	-.49	.00	-.15	-1.09	-3.00	-6.09	-17.14	-37.81
INCHES	(150 YDS)	-1.50	-.44	.10	.00	-.89	-2.74	-5.79	-16.73	-37.30
(ZERO RANGE)	(200 YDS)	-1.50	-.21	.55	.67	.00	-1.63	-4.46	-14.96	-35.08
	(250 YDS)	-1.50	.11	1.20	1.64	1.30	.00	-2.50	-12.35	-31.82
MPBR ZERO	(285 YDS)	-1.50	.39	1.76	2.49	2.43	1.41	-.81	-10.09	-29.00
WIND DRIFT	(10 MPH)	.00	.30	1.25	2.92	5.40	8.80	13.26	26.06	45.43
INCHES	(20 MPH)	.00	.60	2.50	5.84	10.80	17.60	26.52	52.12	90.87

MAXIMUM POINT BLANK RANGE IS 325 YARDS. SET ZERO AT 280 YARDS.										
VELOCITY FPS		4400	3983	3603	3255	2934	2635	2357	1868	1463
ENERGY FT-LB		1719	1408	1152	941	764	616	493	310	190
DROP INCHES		.00	-.24	-1.02	-2.48	-4.76	-8.05	-12.60	-26.81	-51.17
BULLET PATH	(100 YDS)	-1.50	-.48	.00	-.20	-1.21	-3.24	-6.53	-18.21	-40.05
INCHES	(150 YDS)	-1.50	-.41	.13	.00	-.95	-2.92	-6.14	-17.69	-39.39
(ZERO RANGE)	(200 YDS)	-1.50	-.17	.61	.71	.00	-1.73	-4.71	-15.78	-37.01
	(250 YDS)	-1.50	.17	1.30	1.75	1.38	.00	-2.64	-13.02	-33.56
MPBR ZERO	(280 YDS)	-1.50	.43	1.80	2.51	2.39	1.26	-1.12	-11.00	-31.04
WIND DRIFT	(10 MPH)	.00	.31	1.28	2.99	5.53	9.03	13.62	26.80	46.79
INCHES	(20 MPH)	.00	.62	2.56	5.98	11.07	18.05	27.24	53.61	93.57

MAXIMUM POINT BLANK RANGE IS 315 YARDS. SET ZERO AT 275 YARDS.										
VELOCITY FPS		4300	3892	3519	3178	2863	2569	2297	1817	1422
ENERGY FT-LB		1641	1345	1100	897	728	586	468	293	179
DROP INCHES		.00	-.25	-1.07	-2.60	-4.99	-8.44	-13.22	-28.15	-53.82
BULLET PATH	(100 YDS)	-1.50	-.46	.00	-.24	-1.34	-3.51	-7.00	-19.36	-42.46
INCHES	(150 YDS)	-1.50	-.38	.16	.00	-1.02	-3.11	-6.52	-18.72	-41.66
(ZERO RANGE)	(200 YDS)	-1.50	-.13	.67	.77	.00	-1.83	-4.98	-16.67	-39.10
	(250 YDS)	-1.50	.24	1.40	1.87	1.46	.00	-2.79	-13.74	-35.44
MPBR ZERO	(275 YDS)	-1.50	.46	1.84	2.52	2.34	1.10	-1.47	-11.99	-33.24
WIND DRIFT	(10 MPH)	.00	.32	1.31	3.07	5.68	9.27	14.00	27.60	48.22
INCHES	(20 MPH)	.00	.63	2.62	6.13	11.36	18.54	28.01	55.20	96.44

MAXIMUM POINT BLANK RANGE IS 310 YARDS. SET ZERO AT 270 YARDS.										
VELOCITY FPS		4200	3800	3436	3102	2792	2502	2236	1766	1382
ENERGY FT-LB		1566	1282	1048	854	692	556	444	277	169
DROP INCHES		.00	-.26	-1.12	-2.73	-5.23	-8.86	-13.88	-29.60	-56.70
BULLET PATH	(100 YDS)	-1.50	-.45	.00	-.29	-1.48	-3.80	-7.50	-20.60	-45.08
INCHES	(150 YDS)	-1.50	-.35	.19	.00	-1.10	-3.31	-6.92	-19.83	-44.11
(ZERO RANGE)	(200 YDS)	-1.50	-.08	.74	.82	.00	-1.94	-5.28	-17.64	-41.37
	(250 YDS)	-1.50	.31	1.52	1.99	1.55	.00	-2.95	-14.53	-37.48
MPBR ZERO	(270 YDS)	-1.50	.49	1.89	2.54	2.29	.92	-1.84	-13.06	-35.64
WIND DRIFT	(10 MPH)	.00	.32	1.35	3.15	5.83	9.53	14.41	28.44	49.74
INCHES	(20 MPH)	.00	.65	2.69	6.29	11.67	19.07	28.83	56.89	99.48

MAXIMUM POINT BLANK RANGE IS 305 YARDS. SET ZERO AT 265 YARDS.										
VELOCITY FPS		4100	3709	3353	3025	2720	2435	2175	1715	1343
ENERGY FT-LB		1492	1222	998	812	657	526	420	261	160
DROP INCHES		.00	-.27	-1.18	-2.86	-5.50	-9.31	-14.59	-31.18	-59.82
BULLET PATH	(100 YDS)	-1.50	-.43	.00	-.34	-1.64	-4.11	-8.05	-21.95	-47.92
INCHES	(150 YDS)	-1.50	-.32	.23	.00	-1.18	-3.54	-7.37	-21.04	-46.78
(ZERO RANGE)	(200 YDS)	-1.50	-.02	.82	.88	.00	-2.06	-5.60	-18.68	-43.83
	(250 YDS)	-1.50	.39	1.64	2.12	1.65	.00	-3.12	-15.38	-39.70
MPBR ZERO	(265 YDS)	-1.50	.53	1.93	2.56	2.23	.72	-2.25	-14.22	-38.26
WIND DRIFT	(10 MPH)	.00	.33	1.38	3.23	6.00	9.82	14.85	29.35	51.35
INCHES	(20 MPH)	.00	.67	2.76	6.47	12.00	19.63	29.70	58.69	102.71

MAXIMUM POINT BLANK RANGE IS 300 YARDS. SET ZERO AT 260 YARDS.

VELOCITY FPS		4000	3618	3269	2947	2648	2368	2113	1664	1304
ENERGY FT-LB		1420	1162	949	771	622	498	396	246	151
DROP INCHES		.00	-.29	-1.24	-3.01	-5.78	-9.80	-15.36	-32.88	-63.21
BULLET PATH	(100 YDS)	-1.50	-.42	.00	-.40	-1.80	-4.44	-8.64	-23.42	-51.00
INCHES	(150 YDS)	-1.50	-.28	.27	.00	-1.27	-3.78	-7.85	-22.36	-49.68
(ZERO RANGE)	(200 YDS)	-1.50	.03	.90	.95	.00	-2.19	-5.94	-19.82	-46.51
	(250 YDS)	-1.50	.47	1.78	2.27	1.76	.00	-3.31	-16.31	-42.12
MPBR ZERO	(260 YDS)	-1.50	.57	1.98	2.57	2.16	.51	-2.70	-15.50	-41.11
WIND DRIFT	(10 MPH)	.00	.34	1.42	3.32	6.18	10.12	15.32	30.31	53.07
INCHES	(20 MPH)	.00	.68	2.84	6.65	12.35	20.24	30.64	60.62	106.14

RANGE                      YARDS    MUZZLE        50            100            150            200            250            300            400            500

MAXIMUM POINT BLANK RANGE IS 295 YARDS. SET ZERO AT 255 YARDS.

VELOCITY FPS		3900	3527	3185	2869	2575	2302	2051	1613	1267
ENERGY FT-LB		1350	1104	901	731	589	470	373	231	142
DROP INCHES		.00	-.30	-1.31	-3.17	-6.09	-10.32	-16.20	-34.74	-66.90
BULLET PATH	(100 YDS)	-1.50	-.40	.00	-.46	-1.98	-4.81	-9.29	-25.02	-54.37
INCHES	(150 YDS)	-1.50	-.25	.31	.00	-1.36	-4.04	-8.37	-23.79	-52.84
(ZERO RANGE)	(200 YDS)	-1.50	.09	.99	1.02	.00	-2.34	-6.32	-21.06	-49.43
	(250 YDS)	-1.50	.56	1.92	2.43	1.87	.00	-3.52	-17.32	-44.76
MPBR ZERO	(255 YDS)	-1.50	.61	2.03	2.59	2.08	.27	-3.20	-16.90	-44.22
WIND DRIFT	(10 MPH)	.00	.35	1.46	3.42	6.37	10.44	15.82	31.35	54.89
INCHES	(20 MPH)	.00	.70	2.92	6.85	12.73	20.89	31.65	62.70	109.78

MAXIMUM POINT BLANK RANGE IS 290 YARDS. SET ZERO AT 250 YARDS.

VELOCITY FPS		3800	3435	3101	2791	2502	2235	1988	1562	1230
ENERGY FT-LB		1282	1048	854	691	555	443	351	216	134
DROP INCHES		.00	-.32	-1.38	-3.34	-6.42	-10.90	-17.12	-36.76	-70.93
BULLET PATH	(100 YDS)	-1.50	-.38	.00	-.53	-2.17	-5.21	-9.99	-26.76	-58.05
INCHES	(150 YDS)	-1.50	-.21	.35	.00	-1.47	-4.33	-8.94	-25.36	-56.30
(ZERO RANGE)	(200 YDS)	-1.50	.16	1.08	1.10	.00	-2.49	-6.74	-22.42	-52.63
	(250 YDS)	-1.50	.66	2.08	2.60	2.00	.00	-3.74	-18.43	-47.64
MPBR ZERO	(250 YDS)	-1.50	.66	2.08	2.60	2.00	.00	-3.74	-18.43	-47.64
WIND DRIFT	(10 MPH)	.00	.36	1.50	3.53	6.57	10.79	16.37	32.46	56.82
INCHES	(20 MPH)	.00	.72	3.01	7.06	13.15	21.59	32.74	64.92	113.64

MAXIMUM POINT BLANK RANGE IS 285 YARDS. SET ZERO AT 245 YARDS.

VELOCITY FPS		3700	3344	3016	2712	2428	2168	1928	1512	1196
ENERGY FT-LB		1215	993	808	653	523	417	330	203	127
DROP INCHES		.00	-.34	-1.45	-3.53	-6.78	-11.52	-18.11	-38.98	-75.33
BULLET PATH	(100 YDS)	-1.50	-.36	.00	-.60	-2.38	-5.64	-10.76	-28.67	-62.07
INCHES	(150 YDS)	-1.50	-.16	.40	.00	-1.58	-4.64	-9.56	-27.08	-60.08
(ZERO RANGE)	(200 YDS)	-1.50	.23	1.19	1.19	.00	-2.67	-7.19	-23.91	-56.12
	(250 YDS)	-1.50	.77	2.26	2.79	2.13	.00	-3.99	-19.64	-50.79
MPBR ZERO	(245 YDS)	-1.50	.71	2.14	2.61	1.90	-.30	-4.34	-20.12	-51.38
WIND DRIFT	(10 MPH)	.00	.37	1.55	3.65	6.80	11.17	16.95	33.65	58.85
INCHES	(20 MPH)	.00	.74	3.10	7.29	13.59	22.34	33.91	67.31	117.71

MAXIMUM POINT BLANK RANGE IS 275 YARDS. SET ZERO AT 240 YARDS.

VELOCITY FPS		3600	3252	2931	2633	2355	2100	1866	1462	1163
ENERGY FT-LB		1150	939	763	615	492	391	309	189	120
DROP INCHES		.00	-.36	-1.53	-3.73	-7.18	-12.20	-19.20	-41.40	-80.14
BULLET PATH	(100 YDS)	-1.50	-.34	.00	-.68	-2.61	-6.11	-11.60	-30.76	-66.46
INCHES	(150 YDS)	-1.50	-.11	.45	.00	-1.71	-4.99	-10.25	-28.96	-64.21
(ZERO RANGE)	(200 YDS)	-1.50	.31	1.30	1.28	.00	-2.85	-7.68	-25.54	-59.94
	(250 YDS)	-1.50	.88	2.45	2.99	2.28	.00	-4.26	-20.98	-54.23
MPBR ZERO	(240 YDS)	-1.50	.76	2.20	2.62	1.78	-.63	-5.01	-21.98	-55.48
WIND DRIFT	(10 MPH)	.00	.38	1.60	3.77	7.04	11.58	17.58	34.93	60.99
INCHES	(20 MPH)	.00	.77	3.20	7.54	14.08	23.15	35.16	69.86	121.98

MAXIMUM POINT BLANK RANGE IS 265 YARDS. SET ZERO AT 230 YARDS.

VELOCITY FPS		3500	3160	2846	2553	2282	2032	1805	1413	1132
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ENERGY FT-LB		1087	887	719	579	462	366	289	177	113
DROP INCHES		.00	-.38	-1.63	-3.95	-7.61	-12.95	-20.40	-44.07	-85.41
BULLET PATH	(100 YDS)	-1.50	-.31	.00	-.76	-2.86	-6.64	-12.52	-33.07	-71.29
INCHES	(150 YDS)	-1.50	-.06	.51	.00	-1.85	-5.37	-11.00	-31.03	-68.75
(ZERO RANGE)	(200 YDS)	-1.50	.40	1.43	1.38	.00	-3.06	-8.23	-27.34	-64.13
	(250 YDS)	-1.50	1.01	2.65	3.22	2.45	.00	-4.56	-22.45	-58.02
MPBR ZERO	(230 YDS)	-1.50	.75	2.13	2.43	1.40	-1.31	-6.13	-24.54	-60.64
WIND DRIFT	(10 MPH)	.00	.40	1.66	3.91	7.31	12.02	18.26	36.31	63.25
INCHES	(20 MPH)	.00	.79	3.31	7.82	14.61	24.04	36.53	72.62	126.49

MAXIMUM POINT BLANK RANGE IS 260 YARDS. SET ZERO AT 225 YARDS.

VELOCITY FPS		3400	3068	2760	2473	2209	1965	1744	1365	1104
ENERGY FT-LB		1026	836	676	543	433	342	270	165	108
DROP INCHES		.00	-.40	-1.72	-4.19	-8.09	-13.77	-21.71	-46.99	-91.18
BULLET PATH	(100 YDS)	-1.50	-.29	.00	-.86	-3.14	-7.21	-13.54	-35.60	-76.56
INCHES	(150 YDS)	-1.50	.00	.57	.00	-2.00	-5.78	-11.82	-33.31	-73.70
(ZERO RANGE)	(200 YDS)	-1.50	.50	1.57	1.50	.00	-3.28	-8.83	-29.32	-68.71
	(250 YDS)	-1.50	1.15	2.88	3.47	2.63	.00	-4.89	-24.07	-62.14
MPBR ZERO	(225 YDS)	-1.50	.81	2.19	2.43	1.24	-1.74	-6.97	-26.85	-65.62
WIND DRIFT	(10 MPH)	.00	.41	1.72	4.06	7.59	12.50	19.00	37.78	65.58
INCHES	(20 MPH)	.00	.82	3.44	8.12	15.18	25.00	37.99	75.55	131.16

RANGE YARDS MUZZLE 50 100 150 200 250 300 400 500

MAXIMUM POINT BLANK RANGE IS 255 YARDS. SET ZERO AT 220 YARDS.

VELOCITY FPS		3300	2975	2674	2392	2135	1898	1682	1318	1078
ENERGY FT-LB		967	786	635	508	405	320	251	154	103
DROP INCHES		.00	-.42	-1.83	-4.46	-8.61	-14.67	-23.15	-50.23	-97.52
BULLET PATH	(100 YDS)	-1.50	-.26	.00	-.96	-3.45	-7.84	-14.66	-38.40	-82.36
INCHES	(150 YDS)	-1.50	.06	.64	.00	-2.16	-6.24	-12.74	-35.84	-79.15
(ZERO RANGE)	(200 YDS)	-1.50	.60	1.72	1.62	.00	-3.54	-9.49	-31.51	-73.74
	(250 YDS)	-1.50	1.31	3.14	3.74	2.83	.00	-5.25	-25.86	-66.67
MPBR ZERO	(220 YDS)	-1.50	.87	2.25	2.41	1.05	-2.22	-7.91	-29.41	-71.11
WIND DRIFT	(10 MPH)	.00	.43	1.79	4.22	7.90	13.02	19.79	39.36	68.02
INCHES	(20 MPH)	.00	.85	3.57	8.45	15.81	26.04	39.59	78.71	136.04

MAXIMUM POINT BLANK RANGE IS 250 YARDS. SET ZERO AT 215 YARDS.

VELOCITY FPS		3200	2883	2587	2313	2061	1831	1621	1273	1053
ENERGY FT-LB		909	738	594	475	377	297	233	143	98
DROP INCHES		.00	-.45	-1.95	-4.75	-9.18	-15.67	-24.75	-53.80	-104.45
BULLET PATH	(100 YDS)	-1.50	-.23	.00	-1.08	-3.78	-8.54	-15.90	-41.50	-88.70
INCHES	(150 YDS)	-1.50	.13	.72	.00	-2.35	-6.75	-13.75	-38.63	-85.11
(ZERO RANGE)	(200 YDS)	-1.50	.72	1.89	1.76	.00	-3.81	-10.23	-33.93	-79.24
	(250 YDS)	-1.50	1.48	3.42	4.05	3.05	.00	-5.65	-27.84	-71.62
MPBR ZERO	(215 YDS)	-1.50	.93	2.31	2.39	.84	-2.76	-8.96	-32.25	-77.13
WIND DRIFT	(10 MPH)	.00	.44	1.86	4.40	8.24	13.58	20.65	41.04	70.52
INCHES	(20 MPH)	.00	.89	3.72	8.81	16.48	27.16	41.31	82.08	141.04

MAXIMUM POINT BLANK RANGE IS 245 YARDS. SET ZERO AT 210 YARDS.

VELOCITY FPS		3100	2790	2500	2234	1988	1765	1561	1230	1031
ENERGY FT-LB		853	691	555	443	350	276	216	134	94
DROP INCHES		.00	-.48	-2.08	-5.08	-9.82	-16.77	-26.52	-57.75	-112.03
BULLET PATH	(100 YDS)	-1.50	-.19	.00	-1.20	-4.16	-9.31	-17.27	-44.92	-95.62
INCHES	(150 YDS)	-1.50	.21	.80	.00	-2.55	-7.31	-14.86	-41.71	-91.61
(ZERO RANGE)	(200 YDS)	-1.50	.85	2.08	1.91	.00	-4.12	-11.04	-36.61	-85.23
	(250 YDS)	-1.50	1.67	3.73	4.38	3.29	.00	-6.10	-30.02	-77.00
MPBR ZERO	(210 YDS)	-1.50	1.00	2.38	2.36	.60	-3.37	-10.14	-35.41	-83.73
WIND DRIFT	(10 MPH)	.00	.46	1.94	4.60	8.61	14.19	21.58	42.82	73.06
INCHES	(20 MPH)	.00	.92	3.88	9.20	17.22	28.38	43.16	85.63	146.13

MAXIMUM POINT BLANK RANGE IS 240 YARDS. SET ZERO AT 205 YARDS.

VELOCITY FPS		3000	2696	2413	2155	1915	1698	1502	1189	1010
ENERGY FT-LB		799	645	517	412	325	256	200	125	90
DROP INCHES		.00	-.51	-2.23	-5.44	-10.52	-17.99	-28.47	-62.12	-120.33
BULLET PATH	(100 YDS)	-1.50	-.15	.00	-1.35	-4.57	-10.17	-18.80	-48.71	-103.20

INCHES	(150 YDS)	-1.50	.30	.90	.00	-2.78	-7.93	-16.10	-45.13	-98.72
(ZERO RANGE)	(200 YDS)	-1.50	.99	2.28	2.08	.00	-4.46	-11.94	-39.57	-91.78
	(250 YDS)	-1.50	1.88	4.07	4.76	3.57	.00	-6.59	-32.44	-82.86
MPBR ZERO	(205 YDS)	-1.50	1.07	2.45	2.32	.32	-4.06	-11.46	-38.93	-90.97
WIND DRIFT	(10 MPH)	.00	.48	2.03	4.81	9.01	14.84	22.58	44.69	75.65
INCHES	(20 MPH)	.00	.97	4.06	9.62	18.01	29.69	45.16	89.39	151.30

MAXIMUM POINT BLANK RANGE IS 230 YARDS. SET ZERO AT 195 YARDS.

VELOCITY FPS		2900	2603	2328	2075	1844	1633	1443	1151	990
ENERGY FT-LB		746	601	481	382	301	236	185	117	87
DROP INCHES		.00	-.55	-2.39	-5.83	-11.30	-19.34	-30.65	-66.96	-129.39
BULLET PATH	(100 YDS)	-1.50	-.11	.00	-1.50	-5.03	-11.12	-20.49	-52.91	-111.46
INCHES	(150 YDS)	-1.50	.39	1.00	.00	-3.03	-8.62	-17.49	-48.90	-106.45
(ZERO RANGE)	(200 YDS)	-1.50	1.15	2.51	2.27	.00	-4.84	-12.95	-42.85	-98.88
	(250 YDS)	-1.50	2.12	4.45	5.17	3.87	.00	-7.14	-35.11	-89.21
MPBR ZERO	(195 YDS)	-1.50	1.07	2.34	2.01	-.34	-5.26	-13.46	-43.53	-99.74
WIND DRIFT	(10 MPH)	.00	.51	2.13	5.04	9.44	15.55	23.65	46.65	78.24
INCHES	(20 MPH)	.00	1.01	4.26	10.07	18.87	31.10	47.30	93.30	156.49

MAXIMUM POINT BLANK RANGE IS 220 YARDS. SET ZERO AT 190 YARDS.

VELOCITY FPS		2800	2510	2242	1995	1772	1568	1387	1117	971
ENERGY FT-LB		696	559	446	353	278	218	170	110	83
DROP INCHES		.00	-.59	-2.57	-6.28	-12.17	-20.85	-33.08	-72.31	-139.27
BULLET PATH	(100 YDS)	-1.50	-.06	.00	-1.68	-5.54	-12.18	-22.38	-57.55	-120.44
INCHES	(150 YDS)	-1.50	.50	1.12	.00	-3.31	-9.39	-19.03	-53.08	-114.85
(ZERO RANGE)	(200 YDS)	-1.50	1.33	2.77	2.48	.00	-5.26	-14.07	-46.46	-106.58
	(250 YDS)	-1.50	2.38	4.87	5.63	4.21	.00	-7.76	-38.05	-96.07
MPBR ZERO	(190 YDS)	-1.50	1.14	2.40	1.93	-.73	-6.18	-15.17	-47.93	-108.42
WIND DRIFT	(10 MPH)	.00	.53	2.23	5.28	9.90	16.31	24.80	48.67	80.82
INCHES	(20 MPH)	.00	1.06	4.47	10.57	19.79	32.62	49.59	97.34	161.63

RANGE	YARDS	MUZZLE	50	100	150	200	250	300	400	500
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MAXIMUM POINT BLANK RANGE IS 215 YARDS. SET ZERO AT 185 YARDS.

VELOCITY FPS		2700	2416	2157	1918	1701	1504	1332	1085	953
ENERGY FT-LB		647	518	413	326	256	200	157	104	80
DROP INCHES		.00	-.64	-2.77	-6.77	-13.14	-22.53	-35.79	-78.24	-150.03
BULLET PATH	(100 YDS)	-1.50	.00	.00	-1.87	-6.11	-13.37	-24.49	-62.68	-130.20
INCHES	(150 YDS)	-1.50	.62	1.25	.00	-3.62	-10.25	-20.75	-57.69	-123.97
(ZERO RANGE)	(200 YDS)	-1.50	1.52	3.06	2.71	.00	-5.73	-15.32	-50.46	-114.92
	(250 YDS)	-1.50	2.67	5.35	6.15	4.58	.00	-8.45	-41.29	-103.46
MPBR ZERO	(185 YDS)	-1.50	1.23	2.46	1.82	-1.19	-7.21	-17.10	-52.83	-117.89
WIND DRIFT	(10 MPH)	.00	.56	2.35	5.55	10.39	17.13	26.02	50.73	83.35
INCHES	(20 MPH)	.00	1.12	4.69	11.10	20.78	34.26	52.04	101.47	166.70

MAXIMUM POINT BLANK RANGE IS 210 YARDS. SET ZERO AT 180 YARDS.

VELOCITY FPS		2600	2324	2072	1841	1630	1441	1279	1057	935
ENERGY FT-LB		600	479	381	301	236	184	145	99	77
DROP INCHES		.00	-.69	-2.99	-7.32	-14.23	-24.42	-38.81	-84.78	-161.70
BULLET PATH	(100 YDS)	-1.50	.06	.00	-2.09	-6.75	-14.70	-26.84	-68.33	-140.76
INCHES	(150 YDS)	-1.50	.75	1.39	.00	-3.97	-11.22	-22.67	-62.77	-133.80
(ZERO RANGE)	(200 YDS)	-1.50	1.74	3.38	2.97	.00	-6.26	-16.72	-54.83	-123.89
	(250 YDS)	-1.50	3.00	5.88	6.73	5.01	.00	-9.21	-44.82	-111.37
MPBR ZERO	(180 YDS)	-1.50	1.32	2.52	1.69	-1.71	-8.40	-19.29	-58.25	-128.16
WIND DRIFT	(10 MPH)	.00	.59	2.46	5.83	10.92	18.00	27.30	52.79	85.80
INCHES	(20 MPH)	.00	1.18	4.93	11.66	21.84	35.99	54.61	105.58	171.60

MAXIMUM POINT BLANK RANGE IS 205 YARDS. SET ZERO AT 175 YARDS.

VELOCITY FPS		2500	2233	1987	1764	1561	1381	1229	1031	919
ENERGY FT-LB		555	443	350	276	216	169	134	94	75
DROP INCHES		.00	-.74	-3.24	-7.94	-15.44	-26.53	-42.19	-92.00	-174.37
BULLET PATH	(100 YDS)	-1.50	.12	.00	-2.33	-7.47	-16.19	-29.48	-74.56	-152.19
INCHES	(150 YDS)	-1.50	.90	1.55	.00	-4.36	-12.30	-24.82	-68.34	-144.41
(ZERO RANGE)	(200 YDS)	-1.50	1.99	3.73	3.27	.00	-6.85	-18.28	-59.63	-133.52
	(250 YDS)	-1.50	3.36	6.47	7.38	5.48	.00	-10.06	-48.66	-119.81

MPBR ZERO	(175 YDS)	-1.50	1.41	2.57	1.53	-2.32	-9.75	-21.76	-64.26	-139.32
WIND DRIFT	(10 MPH)	.00	.62	2.59	6.13	11.48	18.92	28.65	54.82	88.14
INCHES	(20 MPH)	.00	1.23	5.18	12.26	22.97	37.84	57.30	109.65	176.29

MAXIMUM POINT BLANK RANGE IS 195 YARDS. SET ZERO AT 165 YARDS.

VELOCITY FPS		2400	2142	1904	1688	1493	1322	1183	1006	903
ENERGY FT-LB		511	407	322	253	197	155	124	90	72
DROP INCHES		.00	-.81	-3.51	-8.62	-16.80	-28.89	-45.96	-99.93	-188.05
BULLET PATH	(100 YDS)	-1.50	.20	.00	-2.60	-8.27	-17.85	-32.42	-81.38	-164.48
INCHES	(150 YDS)	-1.50	1.07	1.74	.00	-4.80	-13.51	-27.21	-74.43	-155.80
(ZERO RANGE)	(200 YDS)	-1.50	2.27	4.13	3.60	.00	-7.52	-20.01	-64.84	-143.81
	(250 YDS)	-1.50	3.77	7.14	8.11	6.01	.00	-10.99	-52.81	-128.77
MPBR ZERO	(165 YDS)	-1.50	1.40	2.39	.98	-3.48	-11.87	-25.24	-71.81	-152.52
WIND DRIFT	(10 MPH)	.00	.64	2.72	6.44	12.08	19.88	30.02	56.77	90.32
INCHES	(20 MPH)	.00	1.28	5.43	12.88	24.15	39.76	60.04	113.54	180.63

MAXIMUM POINT BLANK RANGE IS 190 YARDS. SET ZERO AT 160 YARDS.

VELOCITY FPS		2300	2048	1820	1611	1424	1265	1140	983	887
ENERGY FT-LB		469	372	294	230	180	142	115	85	69
DROP INCHES		.00	-.88	-3.84	-9.43	-18.38	-31.64	-50.32	108.92	-203.32
BULLET PATH	(100 YDS)	-1.50	.29	.00	-2.92	-9.21	-19.79	-35.81	-89.08	-178.14
INCHES	(150 YDS)	-1.50	1.26	1.95	.00	-5.31	-14.92	-29.97	-81.28	-168.39
(ZERO RANGE)	(200 YDS)	-1.50	2.59	4.60	3.98	.00	-8.28	-22.00	-70.66	-155.11
	(250 YDS)	-1.50	4.25	7.92	8.95	6.63	.00	-12.06	-57.41	-138.55
MPBR ZERO	(160 YDS)	-1.50	1.50	2.43	.72	-4.35	-13.73	-28.53	-79.37	-166.00
WIND DRIFT	(10 MPH)	.00	.68	2.88	6.82	12.78	20.99	31.53	58.78	92.50
INCHES	(20 MPH)	.00	1.37	5.76	13.65	25.56	41.98	63.07	117.55	185.01

MAXIMUM POINT BLANK RANGE IS 180 YARDS. SET ZERO AT 155 YARDS.

VELOCITY FPS		2200	1956	1736	1535	1359	1212	1100	962	871
ENERGY FT-LB		429	339	267	209	164	130	107	82	67
DROP INCHES		.00	-.96	-4.20	-10.34	-20.18	-34.74	-55.22	118.79	-219.81
BULLET PATH	(100 YDS)	-1.50	.39	.00	-3.28	-10.27	-21.98	-39.61	-97.47	-192.79
INCHES	(150 YDS)	-1.50	1.48	2.19	.00	-5.89	-16.51	-33.04	-88.71	-181.85
(ZERO RANGE)	(200 YDS)	-1.50	2.96	5.14	4.42	.00	-9.14	-24.20	-76.93	-167.11
	(250 YDS)	-1.50	4.79	8.79	9.90	7.31	.00	-13.23	-62.30	-148.83
MPBR ZERO	(155 YDS)	-1.50	1.61	2.45	.39	-5.37	-15.85	-32.25	-87.66	-180.53
WIND DRIFT	(10 MPH)	.00	.73	3.05	7.23	13.52	22.12	33.02	60.62	94.43
INCHES	(20 MPH)	.00	1.46	6.11	14.46	27.04	44.24	66.05	121.24	188.87